

FIG. 1

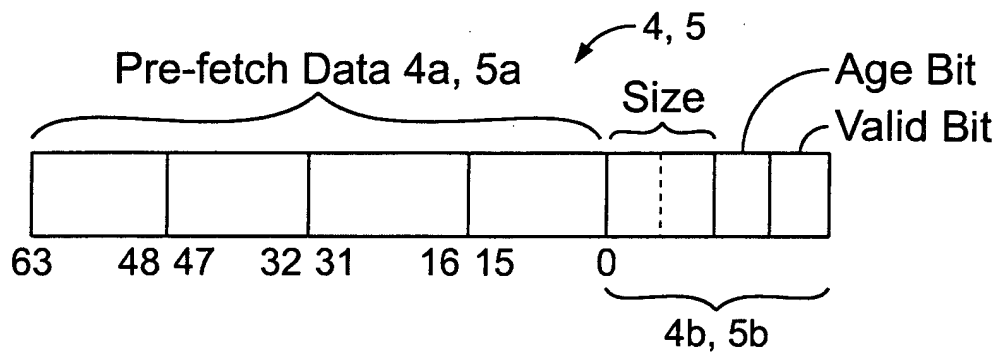
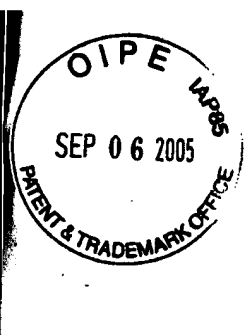


FIG. 2

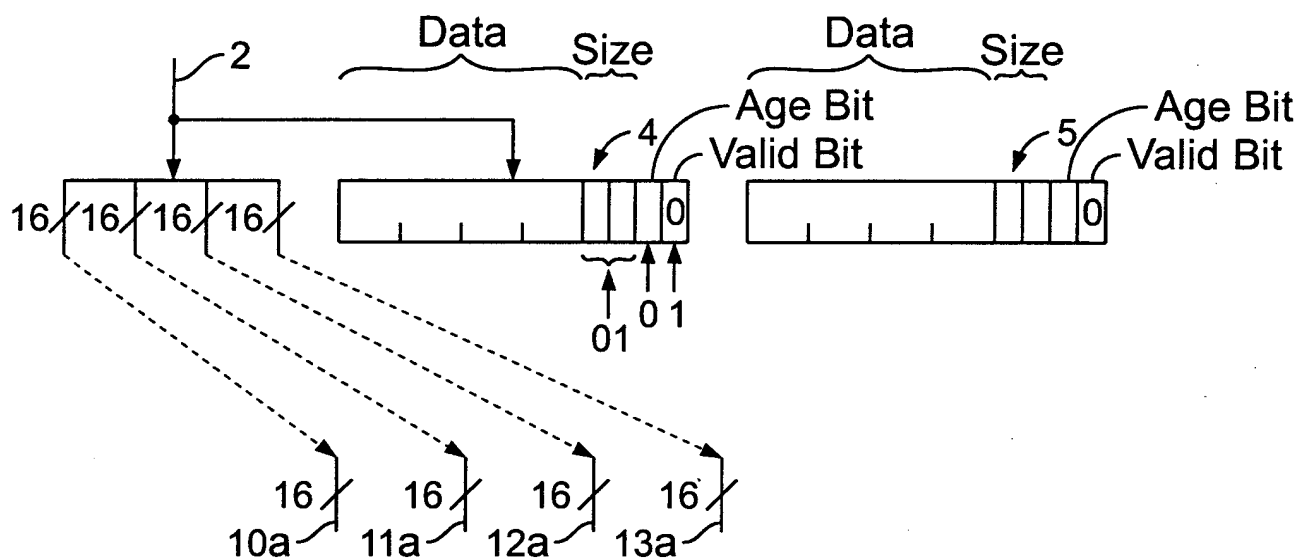


FIG. 3

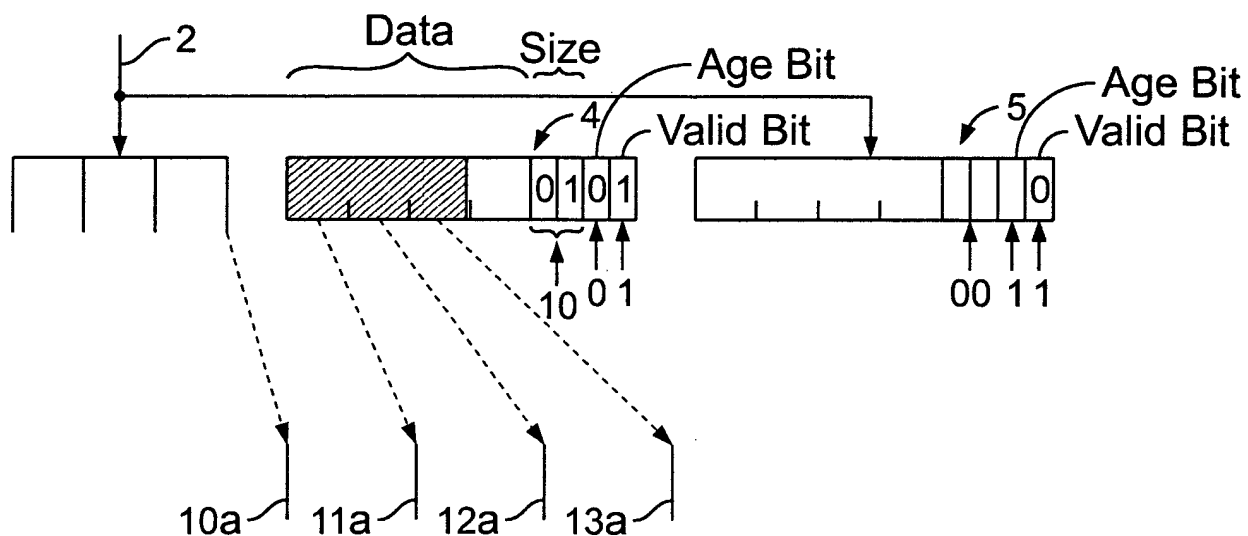


FIG. 4

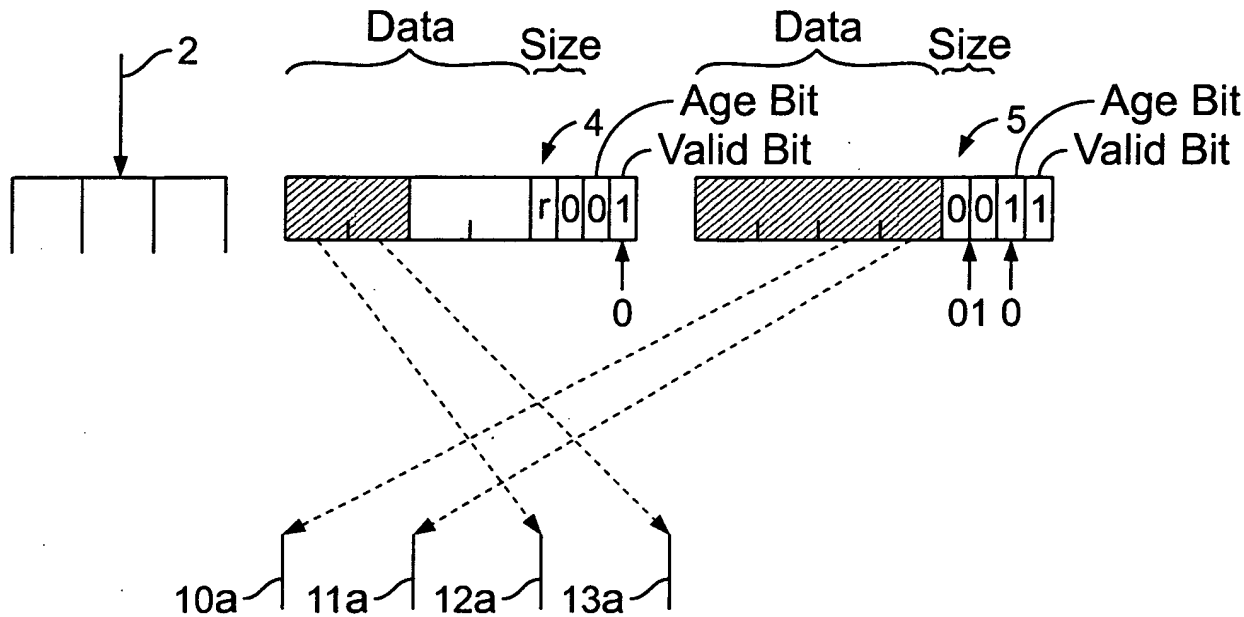


FIG. 5

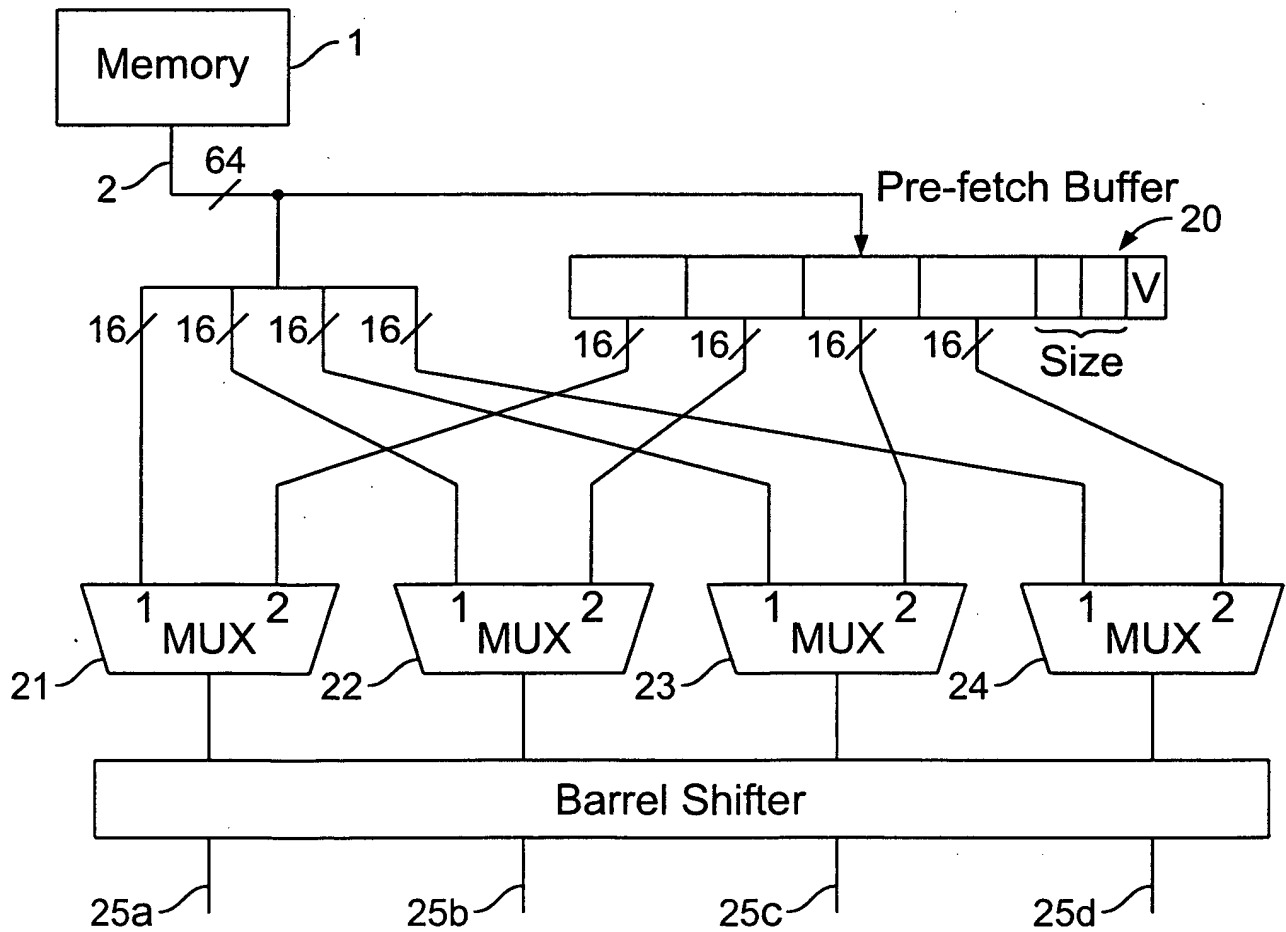


FIG. 7



Buffer 0				Buffer 1				Multiplexer							
V	Size		Age	V	Size		Age	A	B	C	D	E	F	G	H
0	-	-	-	0	-	-	-	1	1	1	1	1	2	3	4
0	-	-	-	1	0	0	0	3	3	3	3	1	2	3	4
				1	0	1	0	3	3	3	1	4	1	2	3
				1	1	0	0	3	3	1	1	3	4	1	2
				1	1	1	0	3	1	1	1	2	3	4	1
1	0	0	0	0	-	-	-	2	2	2	2	1	2	3	4
1	0	1	0	0	-	-	-	2	2	2	1	4	1	2	3
1	1	0	0	0	-	-	-	2	2	1	1	3	4	1	2
1	1	1	0	0	-	-	-	2	1	1	1	2	3	4	1
1	0	0	0	1	0	0	1	2	2	2	2	1	2	3	4
1	0	1	0	1	0	0	1	2	2	2	3	4	1	2	3
1	1	0	0	1	0	0	1	2	2	3	3	3	4	1	2
1	1	1	0	1	0	0	1	2	3	3	3	2	3	4	1
1	0	0	1	1	0	0	0	3	3	3	3	1	2	3	4
1	0	0	1	1	0	1	0	3	3	3	2	4	1	2	3
1	0	0	1	1	1	0	0	3	3	2	2	3	4	1	2
1	0	0	1	1	1	1	0	3	2	2	2	2	3	4	1

FIG. 6